| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-----------|------|---|---|---------------------|---------|------------------|
| L1 | 1 | (((measur\$6 with current) same (voltage with (souce supply)) same (electronic with circuit)) and (measur\$6 with environmental with condition) and ((operat\$3 with condition) same ((CPU processor microprocessor computer) with level)) and (measur\$6 with current with outside with range)).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/28 14:20 |
| L2 | 1 | (((measur\$6 with current) same (voltage with (souce supply)) same (electronic with circuit)) and (measur\$6 with environmental with condition) and ((operat\$3 with condition) same ((CPU processor microprocessor computer) with level)) and (measur\$6 with current with outside with range)).clm. | US-PGPUB | OR | ON | 2005/10/28 14:32 |
| L3 | 1 | (((measur\$6 with current) same (voltage with (souce supply)) same (electronic with circuit)) and (measur\$6 with environmental with condition) and ((operat\$3 with condition) same (clock frequency)) and (measur\$6 with current with outside with range)). clm. | US-PGPUB; USPAT | OR . | ON | 2005/10/28 14:33 |
| L4 | 1 | (((measur\$6 with current) same (voltage with (souce supply)) same (electronic with circuit)) and (measur\$6 with environmental with condition) and ((operat\$3 with condition) same (clock frequency)) and (measur\$6 with current with outside with range)). clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/28 14:22 |
| L5 | 1 | (((measur\$6 with current) same (voltage with (souce supply)) same (electronic with circuit)) and (measur\$6 with environmental with condition) and ((operat\$3 with condition) same (clock frequency)) and (measur\$6 with current with outside with range)). clm. | US-PGPUB | OR | ON | 2005/10/28 14:22 |

| L6 | . 0 | ((environment with temperature) and (assembl\$3 with electronic with circuit) and ((record\$3 monitor\$3) same current) and (operat\$3 with electronic with circuit) and (operat\$3 with matrix with current) and (current with (outside pass) with range)).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/28 14:26 |
|-----|-----|---|---|----|------|------------------|
| L7 | . 1 | ((environment with temperature) and (assembl\$3 with electronic with circuit) and ((record\$3 monitor\$3) same current) and (operat\$3 with electronic with circuit) and (operat\$3 with matrix with current) and (current with (outside pass) with range)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/28 14:27 |
| L8 | . 1 | ((environment with temperature) and (assembl\$3 with electronic with circuit) and ((record\$3 monitor\$3) same current) and (operat\$3 with electronic with circuit) and (operat\$3 with matrix with current) and (current with (outside pass) with range)) | US-PGPUB | OR | ON | 2005/10/28 14:31 |
| L9 | 1 | ("702"/\$.ccls. "324"/\$.ccls. "361"/\$.ccls. "340"/\$.ccls.) and ((environment with temperature) and (assembl\$3 with electronic with circuit) and ((record\$3 monitor\$3) same current) and (operat\$3 with electronic with circuit) and (operat\$3 with matrix with current) and (current with (outside pass) with range)) | US-PGPUB | OR | ON . | 2005/10/28 14:31 |
| L10 | | ("702"/\$.ccls. "324"/\$.ccls. "361"/\$.ccls. "340"/\$.ccls.) and ((environment with temperature) and (assembl\$3 with electronic with circuit) and ((record\$3 monitor\$3) same current) and (operat\$3 with electronic with circuit) and (operat\$3 with matrix with current) and (current with (outside pass) with range)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/28 14:31 |

| L11 | 1 | ("702"/\$.ccls. "324"/\$.ccls. | US-PGPUB; | OR | ON | 2005/10/28 14:33 |
|-----|----|---|---|----|------|------------------|
| | | "361"/\$.ccls. "340"/\$.ccls.) and (((measur\$6 with current) same (voltage with (souce supply)) same (electronic with circuit)) and (measur\$6 with environmental with condition) and ((operat\$3 with condition) same ((CPU processor microprocessor computer) with level)) and (measur\$6 with current with outside with range)) | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | | | |
| L12 | | ("702"/\$.ccls. "324"/\$.ccls. "361"/\$.ccls. "340"/\$.ccls.) and (((measur\$6 with current) same (voltage with (souce supply)) same (electronic with circuit)) and (measur\$6 with environmental with condition) and ((operat\$3 with condition) same (clock frequency)) and (measur\$6 with current with outside with range)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/28 14:33 |
| S1 | 0 | 10/643253 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/21 11:40 |
| S2 | 0 | (circuit near2 failure) and (isolate with failure) and (measur\$6 with current with draw) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/11 14:38 |
| S3 | 44 | (circuit near2 failure) and (measur\$6 with current with draw) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON . | 2005/01/11 14:39 |
| S4 | 3 | S3 and (outside with pass with range) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/11 14:39 |
| S5 | 44 | (circuit near2 failure) and (measur\$6 with current with draw) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/12 19:08 |

| S6 | 0 | (electronic near2 circuit near2 failure) and (measur\$6 with current with draw) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/12 09:12 |
|-----|------|---|---|----|----|------------------|
| S7 | . 12 | (electronic near2 circuit near2 failure) and (current with monitor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/12 18:43 |
| S8 | Ö | S7 and (environment with monitor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/11 17:48 |
| S9 | | S7 and (environment\$3 with monitor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/11 15:03 |
| S10 | 0 | S5 and (environment\$3 with monitor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/11 17:42 |
| S11 | 8 | ("3293630" "3962694" "4492999" "4857833" "4862069" "4951171" "6104304" "6191697").PN. | USPAT | OR | ON | 2005/01/11 17:42 |
| S12 | 0 | S11 and (environment with condition) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/11 17:54 |
| S13 | 0 | S11 and environment | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/11 17:50 |
| S14 | 4 | S11 and condition | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/11 17:50 |

| S15 | 0 | S11 and humidity and temperature | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/11 17:55 |
|-----|----|--|---|----|----|------------------|
| S16 | 17 | (circuit near2 failure) and (measur\$6 with current with draw\$3) and environment | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/16 14:18 |
| S17 | | S16 and (failure with alert) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/11 18:57 |
| S18 | 8 | ("3293630" "3962694" "4492999" "4857833" "4862069" "4951171" "6104304" "6191697").PN. | USPAT | OR | ON | 2005/01/11 18:57 |
| S19 | 0 | S18 and (failure with alert) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/07 12:46 |
| S20 | 0 | S18 and alert | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/11 18:58 |
| S21 | 0 | (electronic near2 circuit near2 (failure fault)) and (measur\$6 with current with draw\$3) and (environment with condition) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/12 09:13 |
| S22 | 2 | (circuit near2 (failure fault)) and (measur\$6 with current with draw\$3) and (environment with condition) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/12 16:03 |
| S23 | 19 | (circuit near2 detect\$3) and (measur\$6 with current with draw\$3) and (environment with condition) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/12 09:22 |

| S25 | 2 | S23 and (alert\$3 or alarm) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/12 09:23 |
|-----|-----|--|---|------|-----|------------------|
| S26 | 33 | (circuit near2 failure) and (measur\$6 with current with draw) and (circuit same ((transmit\$4 receiv\$3) with data)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/12 15:08 |
| S27 | . 7 | ("4168527" "5345392" "5434508" "5586156" "5781024" "5809449" "5905439").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/12 15:51 |
| S28 | 5 | S27 and (environment temperature humidity) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/12 15:51 |
| S29 | 2 | ("702"/\$.ccls. or "340"/\$.ccls. or "324"/\$.ccls. or "31"/\$.ccls.) and (circuit near2 failure) and (measur\$6 with current with draw) and (circuit near2 detect\$3) and program\$6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/12 19:11 |
| S30 | 3 | ("702"/\$.ccls. or "340"/\$.ccls. or "324"/\$.ccls. or "31"/\$.ccls.) and (circuit near2 failure) and (measur\$6 with current with draw\$1) and (circuit near2 detect\$3) and program\$6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR . | ON | 2005/01/12 19:11 |
| S31 | 4 | ("6104304" "5781024").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/07 12:47 |
| S32 | 0 | (predict\$3 with (failure fault error) with circuit) and (electrical with circuit) and (measur\$6 with value with environmental with condition) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/27 14:22 |
| S33 | 0 | (predict\$3 with (failure fault error) with circuit) and (electrical with circuit) and (measur\$6 with value with environmental) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/26 20:21 |

| S34 | 0 | (predict\$3 with (failure fault error) with circuit) and (electrical with circuit) and ((measur\$6 with value) same environmental) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/26 20:23 |
|-----|---|---|---|----|----|------------------|
| S35 | 0 | (predict\$3 with (failure fault error) with circuit) and (electrical with circuit) and (measur\$6 with environmental with temperature) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/26 20:23 |
| S36 | 0 | (predict\$3 same ((failure fault error) with circuit)) and (electrical with circuit) and (measur\$6 with value with environmental with condition) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/15 11:37 |
| S37 | | ((failure fault error) with circuit) and (electrical with circuit) and (measur\$6 with value with environmental) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/27 14:25 |
| S38 | | S37 and (temperarture with environmental) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/15 10:19 |
| S39 | 9 | S37 and (temperarture thermal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/15 10:08 |
| S40 | 2 | (alert\$3 with failure with electronic with circuit) and (measur\$6 with current with outside with range) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/15 10:17 |
| S41 | 2 | (alert\$3 with failure with electronic with circuit) and (measur\$6 with current with range) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/15 10:12 |

| S42 | 0 | (display\$3 with failure with electronic with circuit) and (measur\$6 with current with range) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/15 10:16 |
|----------|-----|--|---|----|------|------------------|
| S43 | 24 | (failure with electronic with circuit) and (measur\$6 with current with range) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/15 11:17 |
| S44 ` | 3 | S43 and (measur\$6 with current with outside with range) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/15 11:44 |
| S45 | 0 | S43 and (temperarture with environmental) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/15 11:19 |
| S46 | 2 | S43 and environmental | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON · | 2005/06/15 10:21 |
| S47 | 6 | S43 and (temperature with circuit) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/15 10:21 |
| S48 | 0 | (failure with electronic with circuit) and (temperarture with environment\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/15 11:18 |
| S49 | 132 | (failure with electronic with circuit) and (temperature with environment\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/15 11:20 |

| S50 | 24 | (failure with electronic with circuit) and (measur\$6 with current with range) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/15 11:19 |
|-----|-----|--|---|----|----|------------------|
| S51 | 1 | S50 and (temperature with environmental) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/15 11:19 |
| S52 | 10 | S49 and (measur\$6 with temperature with environment\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/15 11:26 |
| S53 | 33 | S49 and (measur\$6 with temperature) and environment\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/15 11:27 |
| S54 | . 2 | (predict\$3 with (failure fault error) with electrical with circuit) and (measur\$6 with current) and ((voltage power) with supply) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/15 11:39 |
| S55 | 5 | (predict\$3 with (failure fault error) with electronic with circuit) and (measur\$6 with current) and ((voltage power) with supply) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/15 11:40 |
| S56 | 3 | S50 and (current with outside with range) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/15 11:44 |
| S57 | 246 | (measur\$6 with (temperature thermal heat) with environment\$3) and electronic and (measur\$6 with current) and (current with range) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/16 12:55 |

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|-----|----|---|---|----|----|------------------|
| S59 | 0 | S57 and (measur\$6 with current with outside with range) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/16 11:51 |
| S60 | 3 | S57 and (current with outside with range) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/16 11:52 |
| S62 | 3 | S57 and (current with outside with range) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/16 11:58 |
| S63 | 0 | (measur\$6 with (temperature thermal heat) with environment\$3) and electronic and (measur\$6 with current with (power voltage) with supply) and (current with change with range) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/16 12:09 |
| S64 | 30 | (measur\$6 with (temperature thermal heat) with environment\$3) and electronic and (measur\$6 with current with (power voltage) with supply) and (current with change) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/16 12:17 |
| S65 | 11 | S64 and (current with range) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/16 12:17 |
| S67 | 0 | (measur\$6 with (temperature thermal heat) with environment\$3) and electronic and (measur\$6 with current) and (current with range) and (alert\$3 same (current with (ouside above below) with range)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/16 12:58 |
| S68 | 5 | (measur\$6 with environment\$3) and electronic and (measur\$6 with current) and (current with range) and ((alert\$3 alter\$3) same (current with (ouside above below) with range)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/16 13:26 |

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|-----|------|---|---|----|----|------------------|
| S69 | 1 | (environment\$3 with condition) and electronic and (measur\$6 with current) and ((alert\$3 alter\$3) same (current with (ouside above below) with range)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/16 13:37 |
| S70 | 2 | (failure with electronic) and (measur\$6 with current) and ((alert\$3 alter\$3) same (current with (ouside above below) with range)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/28 13:57 |
| S72 | | 10/249117 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/16 14:19 |
| S74 | 1317 | (measur\$6 with current) and (current with (zone interval range)) and fail\$4 and (power with transmission) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/08 15:03 |
| S75 | 343 | S74 and ((thermal temperature) with sensor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/08 15:04 |
| S76 | 25 | S75 and (predict\$3 with fail\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/08 15:04 |
| S77 | 21 | S76 and environment | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/21 11:37 |
| S78 | 21 | S77 and electric\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/08 15:08 |
| S80 | 1 | 10/643253 | US-PGPUB | OR | ON | 2005/10/21 11:40 |

| S81 | 1 | (manufactur\$3 with electronic with | US-PGPUB; | OR | ON | 2005/10/21 11:43 |
|-----|----|---|---|------|------|------------------|
| | - | circuit) and (assembl\$3 with electronic with circuit) and ((record\$3 monitor\$3) same current same (operat\$3 with matrix)) | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | | | |
| S82 | 3 | (manufactur\$3 with electronic with circuit) and (assembl\$3 with electronic with circuit) and ((record\$3 monitor\$3) same current) and (operat\$3 with matrix) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/21 12:59 |
| S83 | 3 | S82 and (environment temperature) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR . | ON | 2005/10/21 11:50 |
| S84 | 36 | (manufactur\$3 with electronic with circuit) and (assembl\$3 with electronic with circuit) and ((record\$3 monitor\$3) same current) and (operat\$3 with electronic with circuit) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/21 12:53 |
| S85 | 2 | S84 and (environment with temperature) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/21 12:51 |
| S86 | | (environment with temperature) and (assembl\$3 with electronic with circuit) and ((record\$3 monitor\$3) same current) and (operat\$3 with electronic with circuit) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR · | ON . | 2005/10/28 14:24 |
| S87 | 1 | S86 and (operat\$3 with matrix with current) and (current with (outside pass) with range) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/21 12:57 |
| S88 | 1 | S86 and (operat\$3 with current) and (current with (outside pass) with range) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/21 12:58 |

| S89 | 1 | S86 and (operat\$3 with electronic with circuit) and (current with (outside pass) with range) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/21 12:59 |
|------|----|---|---|----|----|------------------|
| \$90 | 56 | S86 and (operat\$3 with electronic with circuit) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/21 12:59 |
| S91 | 1 | S90 and (operat\$3 with matrix) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/21 13:00 |
| S92 | | "6167525".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/28 14:15 |